

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L1 | 1 | "06393303" | USPAT | OR | ON | 2009/12/21 22:46 |
| L2 | 1 | "06393303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 22:47 |
| L15 | 0 | stratospheric and payload\$3 and array near3 antenna and first adj3 beam near12 second\$3 adj3 beam near5 interfe \$4 and (subtract \$4 near12 first adj signal near22 second adj2 signal near12 subtract\$4) adj30 (subtract\$4 near12 first adj signal near22 second adj2 signal near12 subtract\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 22:59 |
| L17 | 0 | stratospheric and payload\$3 and array near3 antenna and first adj3 beam near12 second\$3 adj3 beam near5 interfe \$4 and (cancell\$4 near12 first adj signal near22 second adj2 signal) adj30 (cancell\$3 near12 first adj signal near22 second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:01 |

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|-----|---|---|---|----|----|---------------------|
| | | adj2 signal) | | | | |
| L27 | 0 | stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 and ((subtract\$4 cancell\$4) near12 first adj signal near22 second adj2 signal) adj30 ((subtract\$4 cancell\$3) near12 first adj signal near22 second adj2 signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:06 |
| L28 | 0 | stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 and ((subtract\$4 cancell\$4) near12 (first adj (beam signal)) near22 (second adj2 (beam signal))) adj30 ((subtract \$4 cancell\$3) near12 (first adj (beam signal)) near22 (second adj2 (beam signal))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:07 |
| L30 | 0 | stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:08 |

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|-----|-----|--|---|----|----|---------------------|
| L31 | 87 | stratospheric and payload\$3 and array near3 antenna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:08 |
| L32 | 626 | (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:09 |
| L33 | 0 | 31 and 32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:09 |
| L34 | 0 | (455/427.ccls. 455/13.1.ccls. 455/132.ccls. 455/430.ccls. 455/651.ccls. 342/381.ccls.) and stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 and ((subtract\$4 cancell\$4) near12 (first adj (beam signal)) near22 (second adj2 (beam signal))) adj30 ((subtract \$4 cancell\$3) near12 (first adj (beam signal)) near22 (second adj2 (beam signal))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:14 |

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|-----|---|---|---|----|----|---------------------|
| L35 | 0 | (455/427.ccls. 455/13.1.ccls. 455/132.ccls. 455/430.ccls. 455/651.ccls. 342/381.ccls.) and stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 and ((subtract\$4 cancell\$4) near12 (first adj (beam signal)) and (second adj2 (beam signal))) adj30 ((subtract \$4 cancell\$3) near12 (first adj (beam signal)) and (second adj2 (beam signal))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:17 |
| L37 | 0 | (Ying near3 Feria Ming near3 Chang Donald near3 Chang) and stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe\$4 and ((subtract\$4 cancell\$4) near12 (first adj (beam signal)) and (second adj2 (beam signal))) adj30 ((subtract \$4 cancell\$3) near12 (first adj (beam signal)) and (second adj2 (beam signal))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:31 |

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|-----|----|---|--|----|----|------------------|
| L38 | 29 | (Ying near3 Feria Ming near3 Chang Donald near3 Chang) and stratospheric and payload\$3 and array near3 antenna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:32 |
| L42 | 2 | (Ying near3 Feria Ming near3 Chang Donald near3 Chang) and stratospheric and payload\$3 and array near3 antenna and subtract\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/21 23:36 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------------|------------------|---------|------------------|
| L16 | 0 | stratospheric and payload\$3 and array near3 antenna and first adj3 beam near12 second\$3 adj3 beam near5 interfere \$4 and (subtract\$4 near12 first adj signal near22 second adj2 signal near12 subtract\$4) adj30 (subtract\$4 near12 first adj signal near22 second adj2 signal near12 subtract\$4) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/21 22:59 |

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|-----|---|---|-----------------------------|----|----|---------------------|
| L29 | 0 | stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe \$4 and ((subtract \$4 cancell\$4) near12 (first adj (beam signal)) near22 (second adj2 (beam signal))) adj30 ((subtract\$4 cancell \$3) near12 (first adj (beam signal)) near22 (second adj2 (beam signal))) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/21 23:08 |
| L36 | 0 | (455/427.ccls. 455/13.1.ccls. 455/132.ccls. 455/430.ccls. 455/651.ccls. 342/381.ccls.) and stratospheric and payload\$3 and array near3 antenna and (first adj3 beam) near12 (second\$3 adj3 beam) near5 interfe \$4 and ((subtract \$4 cancell\$4) near12 (first adj (beam signal)) and (second adj2 (beam signal))) adj30 ((subtract\$4 cancell\$3) near12 (first adj (beam signal)) and (second adj2 (beam signal))) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/21 23:17 |

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|-----|---|---|-----------------------------|----|----|---------------------|
| L40 | 0 | (Ying near3 Feria Ming near3 Chang Donald near3 Chang) and stratospheric and payload\$3 and array near3 antenna and subtract\$4 | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/21 23:32 |
| L41 | 2 | (Ying near3 Feria Ming near3 Chang Donald near3 Chang) and stratospheric and payload\$3 and array near3 antenna and subtract\$4 | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/21 23:32 |

12/21/09 11:52:05 PM**C:\Documents and Settings\nly\My Documents\EAST\Workspaces\09661967.wsp**